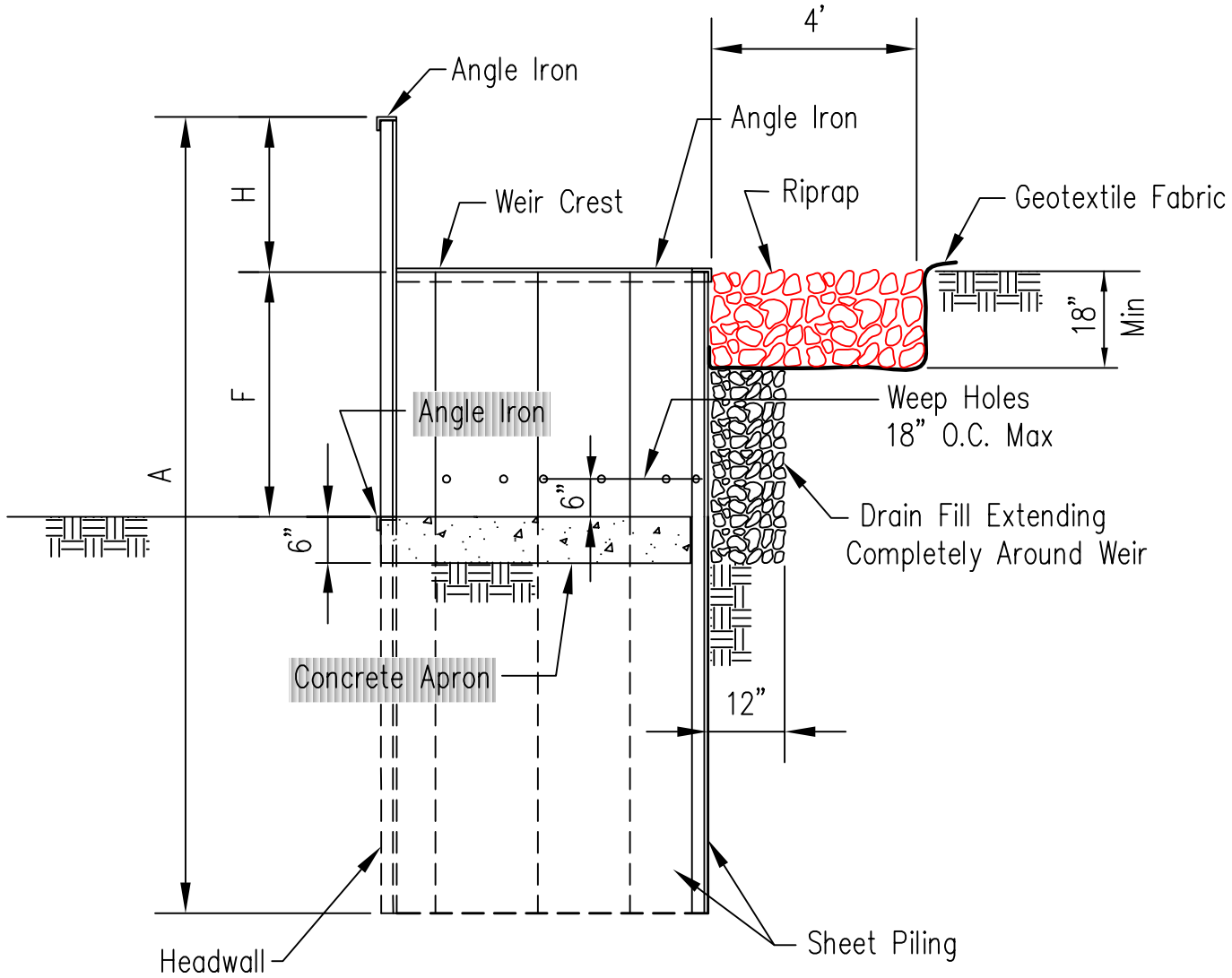

SECTION 2–2

CONSTRUCTION NOTES:

1. All piling shall be driven to the bottom elevation shown on the plan. Other piling lengths are as shown in tables.
2. After driving pilings to the bottom grade shown, cut the tops to a uniform elevation and cap with angle iron welded to the piling. In the weir section the curvature of the angle iron shall fit the curvature of the pilings.
3. Weep holes should be cut six inches above the apron on 18 inch centers with hole sizes between 1/2 in. and 3/4" inch. The weep holes will be cut before drain fill is placed and the structure is back filled.
4. Earth fill shall be placed using equipment in such manner that the driven pile are not damaged or displaced.
5. Use 5 gage steel interlocking pilings with minimum section modules 3.3 cu. in, weight of 16.9 lbs. / lin ft. and 18 in. wide.
6. Place rock riprap upstream of the weir for the entire weir length. The riprap wil be 2 times the weir depth (H) wide and 18" deep. The rock riprap will meet the requirement of IDOT Rriprap Gradation 4 Quality Designation A. Concrete blocks with core opening up may be substituted. Width of the block will equal or exceed twice the weir height (H).
7. Tile outlets should be encased in granular fill or have a watertight seal at the sheet piling.
8. Concrete apron shall be six inches thick. Use #4 rebar placed on 12 inch centers both directions, or use #5 rebar placed on 15 inch centers, both directions.
9. Drain fill shall consist of Coarse Aggregate CA 4,5, 6,7, 8 or 9 as defined by IDOT Standard Specifications for Road and Bridge Construction and be Quality Designation Class A or B.

Date
Designed
Drawn M. QUINONES 5/02
Checked
Approved

FABRICATED CORRUGATED STEEL TOEWALL DROP SPILLWAY NOTES AND SCHEDULE

NRCS
Natural Resources Conservation Service
United States Department of Agriculture

File No.
IL-ENG-176C
Drawing No.

Sheet 3 of 5

AUTOCAD2002

Landowner		Location	